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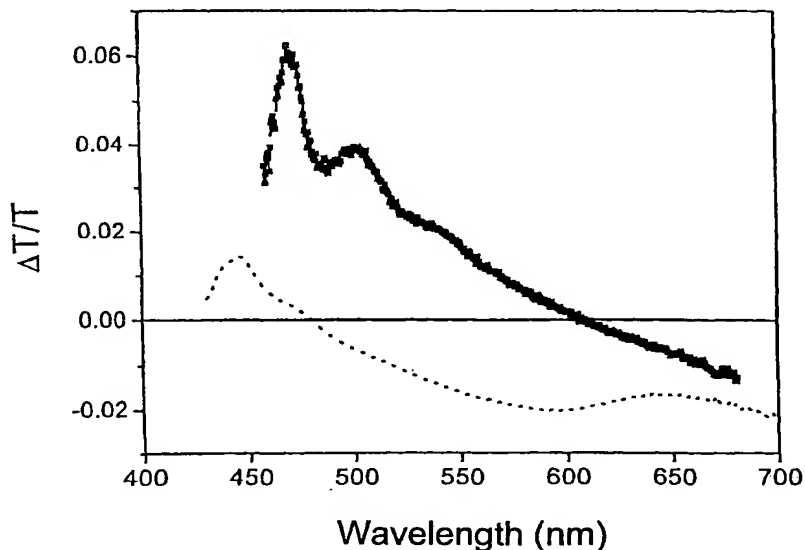
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(54) Title: POLYMERIC MIXTURE COMPRISING A POLYFLUORENE DERIVATE AND USE THEREOF AS OPTICAL DEVICE



(57) Abstract: This invention relates to a polymer mixture comprising a polymer which is transparent at a wavelength of more than 300 nm and poly(9,9-XY-fluorene), in which X and Y are independently of each other a straight or branched saturated or unsaturated C<sub>1</sub>-C<sub>12</sub> hydrocarbon chain and the said poly(9,9-XY-fluorene) is substantially dispersed as isolated chains with a high density of isolated chains in the said transparent polymer of not more than 1x10<sup>19</sup> cm<sup>-3</sup>. In particular the mixture of polymethylmethacrylate and poly(9,9-dioctyl-fluorene), a polymer film obtained with that mixture and use of that film as an optical switch are described.



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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